

WHAT IS CLAIMED IS:

1. A method for testing a software application comprising:
 - associating a test case class with each of a plurality of operations;
 - receiving a test scenario, the test scenario including at least one selected test case class;
 - receiving ranking information for the test scenario, the ranking information pertaining to relative prioritization of execution of each of the selected test case classes;
 - performing a test of the test scenario as a function of the ranking information.
2. The method according to claim 1, wherein each operation includes a collaborative behavior of a plurality of classes.
3. The method according to claim 1, wherein the ranking information is validated to be semantically correct with respect to a framework semantics.
4. The method according to claim 3, wherein the ranking information is validated to be semantically correct by defining valid start states and probable end states for each associated operation.
5. The method according to claim 3, wherein the ranking information is validated to be semantically correct with respect to a framework semantics by providing an editor that allows only valid nesting of test cases.
6. A system for testing a software application, comprising:
 - a storage device, the storage device storing a plurality of test case classes;
 - a processor, wherein the processor is adapted to:
 - associate a test case class with each of a plurality of operations;
 - receive a test scenario, the test scenario including at least one selected test case class;
 - receive ranking information for the test scenario, the ranking information pertaining to relative prioritization execution of each of the selected test case classes;
 - perform a test of the test scenario as a function ranking information.

7. The method according to claim 6, wherein each operation includes a collaborative behavior of a plurality of classes.
8. The method according to claim 6, wherein the ranking information is validated to be semantically correct with respect to a framework semantics.
9. The method according to claim 8, wherein the ranking information is validated to be semantically correct by defining valid start states and probable end states for each associated operation.
10. The method according to claim 8, wherein the ranking information is validated to be semantically correct with respect to a framework semantics by providing an editor that allows only valid nesting of test cases.
11. A program storage device, the program storage device including instructions for:
 - associating a test case class with each of a plurality of operations;
 - receiving a test scenario, the test scenario including at least one selected test case class;
 - receiving ranking information for the test scenario, the ranking information pertaining to relative prioritization execution of each of the selected test case classes;
 - performing a test of the test scenario as a function ranking information.
12. The program storage device according to claim 11, wherein each operation includes a collaborative behavior of a plurality of classes.
13. The program storage device according to claim 11, wherein the ranking information is validated to be semantically correct with respect to a framework semantics.
14. The program storage device according to claim 13, wherein the ranking information is validated to be semantically correct by defining valid start states and probable end states for each associated operation.

15. The program storage device according to claim 13, wherein the ranking information is validated to be semantically correct with respect to a framework semantics by providing an editor that allows only valid nesting of test cases.

16. A system for testing a software application comprising:

a test module, the test module:

defining at least one test case class for each of a plurality of operations, wherein the operation is characterized as having a beginning and an end;

receiving first information describing valid start states and probable end states for each test case class;

receiving second information for relating at least a portion of the test case classes to reflect a particular scenario for testing;

performing a test of the particular scenario as a function of the first information and second information.